

CLAIMS

1. A photoelectric cell including an optoelectronic receptor circuit provided with a photoreceptor component, the photoreceptor area of which is able to receive a spot of light

5 characterized by the fact that:

- the photoreceptor surface of the component (11) has two juxtaposed photoreceptor areas (Z1, Z2), wherein these areas differ by their microelectronic nature,

10 - the cell has means (I1) for assigning the photoreceptor circuit to a reflex operating mode or to a proximity operating mode,

- the first photoreceptor area (Z1) is provided with a first output (A1), enabled in the reflex

15 operating mode,

- the second area (Z2) is provided with analog detection of position of the spot of light and is provided with a second output (A2), enabled in the proximity operating mode.

20 2. The cell according to claim 1, characterized by the fact that:

- the first area (Z1) is a photodiode area,
- the second area (Z2) with analog detection of position is provided with a third output (A3), wherein

25 the second output (A2) forms the close channel, and the third output (A3) forms the remote channel of this area for analog detection of position, respectively,

- the means for assigning the reflex or proximity operating mode is a switch (I1), wherein the

first and second outputs (A1, A2) may be switched to a processing circuit (12) by means of the switch (I1).

3. The cell according to claim 2, characterized by the fact that both areas (Z1, Z2) have a common  
5 cathode.